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TR/CMIS/PRE/2022

Test Booklet Series

TEST BOOKLET
GENERAL STUDIES
AND ARITHMATIC

C

(Signature of the Candidate)

(Invigilator's Signature)

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Time Allowed – 1½ hours (1 hour 30 minutes) **Maximum Marks – 100**

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. **ENCODE CLEARLY THE TEST BOOKLET SERIES A, B, C OR D AS THE CASE MAY BE IN THE APPROPRIATE PLACE IN THE ANSWER SHEET BY BLACK BALL POINT PEN ONLY.**
3. This Test Booklet contains 100 items (questions). Each question, carrying one (1) mark only, has four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the most appropriate. In any case, choose ONLY ONE response for each item.
4. You have to mark all your responses by **Black Ball Point Pen only** on the separate Answer Sheet provided. See the directions in the Answer Sheet.
5. All items carry equal marks.
6. Before you proceed to mark in the Answer Sheet the responses to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instruction printed in the reverse side of your OMR sheet..
7. After you have completed filling in responses in the Answer Sheet and the Written Examination is completed, you should handover the Answer Sheet to the Invigilator only. You are permitted to take the Test Booklet with you.
8. Sheets for rough work are appended on the Test Booklet at the end.
9. **Penalty for wrong answers :**
   (a) There will be four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-fourth** of the marks assigned to that question will be deducted as penalty.
   (b) If a candidate gives more than one answer, it will be treated as a **Wrong Answer** even if one of the given answers happens to be correct and there will be same penalty as above to that question.
   (c) If a question is left blank, i.e., no answer is given by the candidate, there will be **no penalty** for that question.

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Four options are given against each of the following questions. Select the best/correct option from among the four options and encode in the Answer Sheet by using **Black Ball Point Pen** only as per example given below :

Example : The capital of India is

(A) Delhi (B) New Delhi

(C) Indraprastha (D) None of these

PART – A

Direction for Q. Nos. 1 to 8.

Insert appropriate preposition/article (where necessary) from the given options in the following sentences :

1. In an election, those in power should feel obliged to compete _____ their opponents on equal terms.

(A) with (B) towards

(C) against (D) on

2. Ravi is married —— a cousin of mine.

(A) with (B) to

(C) along with (D) off

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3. He complains ——pain in the head.

(A) about (B) for

(C) against (D) of

4. After much confrontation they gave——.

(A) in (B) out

(C) away (D) off

5. A lot of business happens over —— internet.

(A) an
(B) a
(C) the
(D) No article is needed

6. This cost me —— hundred rupees.

(A) the
(B) a
(C) an
(D) No article is needed

7. We watched —— television all through the night.

(A) the
(B) an
(C) a
(D) No article is needed

8. In this way, the game came to —— end.

(A) the
(B) a
(C) an
(D) No article is needed

Direction for Q. Nos. 9 and 10.

Choose the correct synonyms being the most nearest meaning.

9. Subscribe

(A) share an opinion, view
(B) combine into a whole
(C) join
(D) appoint

10. Compliment

(A) Condemnation
(B) Criticism
(C) Admiration
(D) Misunderstand

Direction for Q. Nos. 11 and 12.

Choose the correct antonyms being the most opposite meaning.

11. Eradicate

(A) Uproot (B) Eliminate

(C) Implant (D) Dismantle

12. Esteem

(A) Disrespect (B) Regard

(C) Respect (D) Occasional

Direction for Q. Nos. 13 to 16.

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Find out the correct sentence from the following options :

13. (A) He earns his bread with the sweat of his brow.

(B) He earns his bread over the sweat of his brow.

(C) He earns his bread by the sweat of his brow.

(D) He earns his bread against the sweat of his brow.

14. (A) The presence of so many men is encouraging.

(B) The presence of so many men are encouraging.

(C) The presence of so many men encourage.

(D) The presence of so many man is encouraging.

15. (A) He went there walking on foot. (B) He went there walking.

(C) He went there with foot. (D) He went there by walking.

16. (A) Wanted a lady flying to England a piano.

(B) Wanted for a lady a piano flying to England.

(C) Wanted a piano for a lady flying to England.

(D) A piano flying a England is wanted by a lady.

Direction for Q. Nos. 17 to 20.

Read the passage carefully. Select your answer from the four alternatives given below against each question.

Bacteria vary tremendously and have a great ability to adapt themselves to circumstances. It is this quality which enables them to develop resistance to some antibiotics, like penicillins, and so defeat our attempts to overcome them. Fortunately, our own system is also able to adopt whatever drugs are given, it is always the body's own resources that beat the enemy in the end. Man's skill in evading infection is very often not to his credit at all, for many bacteria much prefer to keep well out of harm's way and remain free living in the open air. Others live in complete harmony inside the body tissues taking care not to disturb their protector, so that the body which shelters them is never provoked sufficiently to retaliate and expel them.

17. What is the passage about ?

(A) Virus (B) Bacteria

(C) Medicine (D) Animals

18. Bacteria have the ability to —— themselves.

(A) change (B) kill

(C) adapt (D) multiply

19. Bacteria cause

(A) destruction (B) disease

(C) defect (D) immunity

20. Our body's own capacity —— the enemy in the end.

(A) defeats (B) wins

(C) destroys (D) develops.

PART – B

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21. Which is the first Municipal Corporation in India ?

(A) Bombay
(B) Calcutta
(C) Lucknow
(D) Madras

22. The Seventy Third Constitution Amendment Act, 1992 came into force on

(A) April 24th, 1993
(B) June 1st, 1993
(C) October 2nd, 1993
(D) January 14th, 1992

23. Which of the following Units of Urban Local Self-government does not have Constitutional base ?

(A) Cantonment Boards
(B) Municipal Councils
(C) Nagar Panchayats
(D) Municipal Corporations

24. Name the Committee appointed in 1986 on revitalisation of Panchayati Raj Institutions for democracy and development.

(A) Ashok Mehta Committee
(B) L. M. Singhvi Committee
(C) G. V. K. Rao Committee
(D) Balwant Rai Mehta Committe

25. The Ninth Schedule to the Indian Constitution was added by

(A) First amendment
(B) Eighth amendment
(C) Ninth amendment
(D) Forty Second amendment

26. Which Article of Indian Constitution defines the duration of Panchayat ?

(A) Art. 243 (O)
(B) Art. 243 (E)
(C) Art. 243 (B)
(D) Art. 243 (N)

27. Select the correct answer :

The sources of revenues of urban local bodies in India are

(i) Taxes (ii) Fees and Fines (iii) Grants (iv) Loans

(A) (i) and (ii)
(B) (i) and (iii)
(C) (i), (ii) and (iii)
(D) None of the above

28. Which Article of Indian Constitution directs the State Governments to organise Panchayats ?

(A) Art. 40
(B) Art. 48
(C) Art. 300
(D) Art. 38

29. Which of the following Constitution Amendment Act seeks that the size of the Council of Ministers at the Centre and in a State must not exceed 15% of the total numbers of the Legislative Assemblies of that State respectively ?

(A) 91st
(B) 93rd
(C) 95th
(D) 97th

30. The Eleventh Schedule of Indian Constitution relating to Panchayats contains _____ subjects.

(A) Sixteen
(B) Eighteen
(C) Twenty Four
(D) Twenty Nine

31. At present how many Fundamental Duties are there in the Indian Constitution ?

(A) 4
(B) 9
(C) 11
(D) 6

32. Which Prime Minister of India declared the First National Panchayati Raj Day ?

(A) Indira Gandhi
(B) Jawaharlal Nehru
(C) Manmohan Singh
(D) Rajeev Gandhi

33. Name the King of Tripura who conferred upon Rabindranath Tagore the title of "Bharat Bhaskar".

(A) Maharaja Bir Chandra Manikya
(B) Maharaja Radha Kishore Manikya
(C) Maharaja Bir Bikram Manikya
(D) Maharaja Dhanya Manikya

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34. The Tripura Merger Agreement was signed in New Delhi on

(A) 9th September, 1949
(B) 15th October, 1949
(C) 15th August, 1947
(D) 9th November, 1948

35. Ujjayanta Palace at Agartala was established by

(A) Maharaja Bir Bikram Manikya
(B) Maharaja Radha Kishore Manikya
(C) Maharaja Bir Chandra Manikya
(D) Maharaja Trilochan Manikya

36. The first popular Ministry of Tripura headed by Shri Sachindra Lal Singh assumed office on

(A) 26th January, 1950
(B) 15th October, 1949
(C) 1st July, 1963
(D) 21st January, 1972

37. The famous "Maitri Setu" has been built over the river

(A) Feni
(B) Muhuri
(C) Gomati
(D) None of these

38. Mirabai Chanu who won the Silver Medal in the last Tokyo Olympic Games belongs to

(A) Manipur
(B) Meghalaya
(C) Assam
(D) Nagaland

39. The Bidon and the Bishop Falls are situated in

(A) Mizoram
(B) Meghalaya
(C) Assam
(D) Nagaland

40. The Tripura Tribal Areas Autonomous District Council (TTAADC) was established under which of the following Schedule of the Constitution ?

(A) First
(B) Tenth
(C) Sixth
(D) Eighth

41. Which of the following sequence of Statehood (in an ascending order) is correct ?

(A) Assam – Nagaland – Tripura – Sikkim
(B) Sikkim – Tripura – Assam – Nagaland
(C) Assam – Tripura – Nagaland – Sikkim
(D) Assam – Sikkim – Tripura – Nagaland

42. The 'Northeast Region Vision 2020' Document was released by

(A) TTAADC
(B) MDONER
(C) Ministry of External Affairs
(D) NEDFi

43. Which of the following State has English as the only official language ?

(A) Nagaland
(B) Sikkim
(C) Manipur
(D) Tripura

44. What is the number of Panchayats in Tripura as present ?

(A) 589 (B) 585

(C) 576 (D) None of these

45. Northeast India falls under which of the following Seismic Zones ?

(A) Zone I (B) Zone IV

(C) Zone III (D) Zone V

46. When is Kokborok Day or Tripura Language Day celebrated ?

(A) 10th January (B) 15th January

(C) 19th January (D) 20th January

47. In which year NEFA was renamed as Arunachal Pradesh ?

(A) 1950 (B) 1960

(C) 1971 (D) 1972

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48. First Special Economic Zone (SEZ) of Tripura is located at

(A) Agartala (B) Belonia

(C) Sabroom (D) Bishalgarh

49. Which is the only Floating National Park in the world ?

(A) Nokrek National Park (B) Nameri National Park

(C) Orang National Park (D) Keibul Lamjao National Park

50. Which is the largest Monastery in India ?

(A) Tawang Monastery, Arunachal Pradesh

(B) Thiksey Monastery, Ladakh

(C) Phuktal Monastery, Zanskar

(D) Rumtek Monastery, Sikkim

51. Which of the following was the theme of the Agartala Book Fair, 2022 ?

(A) My Tripura, My Pride

(B) Festival of freedom

(C) Rise Tripura

(D) Voices of Tripura

52. Who has been conferred the 1st Atal Bihari Vajpayee Lifetime Achievement Award by the Government of Tripura ?

(A) Khagesh Dev Burman

(B) Chandrakanta Murasingh

(C) Thanga Darlong

(D) Gokulananda Gitiswami

53. Which of the following awards was given to gymnast Dipa Karmakar in the year 2017 ?

(A) Arjuna Award

(B) Bharat Ratna

(C) Padma Bhusan

(D) Padmashree

54. The Vande Bharat Mission refers to

(A) Evacuations of Indian nationals stuck abroad due to the COVID-19 pandemic

(B) India's Space programme in Mars

(C) Preparing Indian Athletes for Olympics

(D) Transfer of essential food supplies to developing countries

55. Who among the following is the current Director General of the World Health Organization (WHO) as on 30.06.2022 ?

(A) Tedros Adhanom
(B) Joan Donoghue
(C) Antonio Guterres
(D) Catherine M. Russell

56. Wanchuwa Festival is celebrated in which State of India ?

(A) West Bengal
(B) Kerala
(C) Assam
(D) Tripura

57. Which of the following film won the 'Best Film on Social Issues' Award at the 66th National Film Awards, 2022 ?

(A) Village Rockstars
(B) Nagar Kirtan
(C) Toilet - Ek Prem Katha
(D) Aalorukkam

58. Neeraj Chopra won gold medal at the 2020 Tokyo Olympics, Chopra won the gold medal with a throw of

(A) 87.58 meter
(B) 87.88 meter
(C) 88.58 meter
(D) 88.88 meter

59. Which Union Ministry in India launched the 'Swachhata Start-Up Challenge' ?

(A) Ministry of Housing and Urban Affairs
(B) Ministry of Rural Development
(C) Ministry of Agriculture
(D) Ministry of Home Affairs

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60. Which Country launched 'National Oxygen Stewardship Programme' to prevent wastage of medical Oxygen ?

(A) China
(B) Japan
(C) New Zealand
(D) India

61. 'VIHANGAM' an Internet-based platform is associated with which field ?

(A) Excise
(B) Mining
(C) Broadcasting
(D) Taxation

62. Which Country has launched the World's First Automated Driverless Train ?

(A) Sweden
(B) France
(C) Germany
(D) Japan

63. Where is 'Chernobyl Nuclear Plant's located ?

(A) Belarus
(B) Ukraine
(C) Latvia
(D) Kazakhstan

64. With which Scheme the Government has launched the campaign entitled 'Meri Policy Mere Hath' ?

(A) Pradhan Mantri Jeevan Jyoti Bima Yojana
(B) Atal Pension Yojana
(C) Pradhan Mantri Fasal Bima Yojana
(D) Pradhan Mantri Jan Dhan Yojana

65. World's largest aircraft, AN-225, nicknamed as 'Mriya' was owned by which Country ?

(A) USA
(B) China
(C) Ukraine
(D) Russia

66. 'Prime Minister's Award for Excellence' is given for which field ?

(A) Sports
(B) Acting
(C) Education
(D) Public Administration

67. Which airline is the first in the World to use sun-to-liquid fuel ?

(A) Singapore Airlines
(B) Japan Airlines
(C) Swiss Airlines
(D) Qantas Airways

68. Which of the following Committees recommended the creation of Nyaya Panchayat ?

(A) L. M. Singhvi Committee
(B) G. V. K. Rao Committee
(C) Mohan Kanda Committee
(D) Ashok Mehta Committee

69. When is Panchayati Raj Day celebrated ?

(A) 26th November
(B) 24th April
(C) 2nd October
(D) 15th June

70. Which of the following States is the first State to fix minimum qualification to participate in Panchayat Elections ?

(A) Andhra Pradesh
(B) Uttar Pradesh
(C) Rajasthan
(D) Punjab.

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PART – C

71. In a row of girls, Nayana is 15th from the left and Sumana is 23rd from the right. If they interchange their positions, then Nayana becomes 18th from the left then at what position will Sumana be from the right ?

(A) 25th
(B) 24th
(C) 26th
(D) 20th

72. Rita is taller than Mira but shorter than Seema. Sita is taller than Purnima but shorter than Mira, Gita is taller than Sita but shorter than Seema. Who among them is the tallest ?

(A) Mira
(B) Sita
(C) Seema
(D) Gita

73. If 15th of February of leap year falls 3 days following Friday, what day of the week will dawn on 10th of the next month ?.

(A) Wednesday
(B) Thursday
(C) Friday
(D) Saturday

74. Select the number from among the given options that can replace the question mark (?) in the following series.

27, 30, 37, 50, ?, 98

(A) 78
(B) 69
(C) 82
(D) 62

75. Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

(i) Terminal (ii) Terminology (iii) Temperature
(iv) Tamarind (v) Tame (vi) Tertiary

(A) (iv), (v), (iii), (ii), (i), (vi)
(B) (iv), (v), (iii), (i), (ii), (vi)
(C) (iv), (v), (i), (iii), (ii), (vi)
(D) (iv), (v), (iii), (i), (vi), (ii)

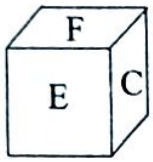
76. Select the letter from among the given options that can replace the question-mark (?) in the following series.

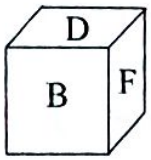
P, N, J, H, ?

(A) D (B) B

(C) E (D) C

77. Two different positions of the same dice are shown, the six faces of which are marked from A to F. Select the letter that will be on the face opposite to the face showing the letter 'C'.





(A) F (B) B

(C) A (D) D

78. $\sqrt{20}+\sqrt{12}+\sqrt[3]{27}-\frac{4}{\sqrt{5}-\sqrt{3}}-\sqrt{25}$ is equal to

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(A) 4 (B) 0

(C) 1 (D) –2

79. A boat running upstream takes 8 hours 48 minutes to cover a certain distance, while it takes 4 hours to cover the same distance running towards downstream. Then the ratio between the speed of boat and the speed of the water current is

(A) 2 : 1 (B) 3 : 2

(C) 8 : 3 (D) None of the above

80. The successive discounts of 20% and 15% are equal to a single discount of?

(A) 35% (B) 38%

(C) 32% (D) 29%

81. A shopkeeper bought 20 kg of sugar at ₹ 45 per kg, 25 kg of sugar at ₹ 50 per kg and 35 kg of sugar at ₹ 40 per kg. He spent a sum of ₹ 450 on transportation and other expenses. He mixed all the three types of sugar and sold all the stock at ₹ 52.50 per kg. His profit per cent in the entire transaction is

(A) 5%
(B) 4.25%
(C) 6.5%
(D) 7.25%

82. Two trains 200 meters and 240 meters long are running in the same direction with speeds of 82 km/hr and 64 km/hr, respectively. In how much time will the first train cross the second ?

(A) 88 sec
(B) 44 sec
(C) 64 sec
(D) 84 sec

83. A number consists of two digits. The sum of the digits is 9. If 63 is subtracted from the number, its digits are interchanged. Find the number

(A) 72
(B) 90
(C) 81
(D) None of these

84. In an election between two candidates, 75% of the voters cast their votes, out of which 2% of the votes were declared invalid. A candidate got 9261 votes which is 75% of the total votes. Find the total number of votes enrolled in that election.

(A) 16000
(B) 15800
(C) 15080
(D) 16800

85. An electric pump can fill a tank in 4 hours. Because of a leak in the tank it took 4½ hours to fill the tank. It the tank is full, how much time will the leak take to empty it ?

(A) 21 hours
(B) 36 hours
(C) 28 hours
(D) 30 hours

86. Rohit travelled $1\frac{1}{8}$ km from home to school, $\frac{5}{6}$ km from school to skating rink, $\frac{2}{3}$ km from skating rink to work and $\frac{1}{4}$ km from work to home in 4 hours, 3 hours, 2 hours and 1 hour, respectively. Then the average speed of Rohit is

(A) $\frac{23}{10}$ km/hours (B) $\frac{23}{8}$ km/hours

(C) $\frac{23}{80}$ km/hours (D) $\frac{20}{80}$ km/hours

87. A borrowed a sum of ₹ 1,60,000 from B at 10% per annum simple interest. At the same time he lent the same sum to C at the same rate on compound interest, compounded semi-annually for 2 years. Find the amount (in ₹) earned by A in the whole transaction.

(A) ₹ 4,281 (B) ₹ 4,280

(C) ₹ 2,481 (D) ₹ 2,840

88. A card is drawn from a pack of 100 cards numbered 1 to 100. The probability of drawing a number which is square, is

(A) $\frac{1}{20}$ (B) $\frac{11}{100}$

(C) $\frac{9}{10}$ (D) $\frac{1}{10}$

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89. A train running at 72 km/h crosses a pole in 12 seconds. How much time (in seconds) will it take to cross a bridge 360m long ?

(A) 40 (B) 75

(C) 60 (D) 30

90. The ratio of income of two persons A and B is 8 : 5 and ratio of their expenditure is 5 : 3. If the savings of A and B are ₹ 2,400 and ₹ 2,000 respectively, then income of A (in rupees) is

(A) 21,400
(B) 22,400
(C) 23,400
(D) 24,400

91. A man's salary is increased by 10%. In order to have his salary back to the original amount, it must be reduced by

(A) $11\frac{1}{9}\%$
(B) $1\frac{9}{11}\%$
(C) $1\frac{11}{9}\%$
(D) $9\frac{1}{11}\%$

92. A city of Rajasthan has population 3,00,000, out of which 1,80,000 are male and 50% of the total population is literate. If 70% of the male are literate, then the number of illiterate females is

(A) 93,000
(B) 94,000
(C) 96,000
(D) 97,000

93. Which of the groups of alphabets should replace blank spaces ? BMX, DNW, FOU, ____ ?

(A) GHO
(B) GPS
(C) HPR
(D) HPT

94. Ranjan is the brother of Sachin and Manick is the father of Ranjan. Jagat is the brother of Priya and Priya is the daughter of Sachin. Who is the uncle of Jagat ?

(A) Ranjan
(B) Sachin
(C) Manick
(D) None of them

95. A solid cube of each side 8 cms has been painted red, blue and black on pairs of opposite faces. It is then cut into cubical blocks of each side 2 cm. How many cubes will have one face painted ?

(A) 8 (B) 16

(C) 24 (D) 28

96. I am facing south. I turn right and walk 20m. Then I turn right again and walk 10m. Then I turn left and walk 10m and then turning right walks 20m. Then I turn right again and walk 60m. In which direction, am I from the starting point ?

(A) North (B) North-West

(C) East (D) North-East

97. A number is chosen at random among the first 120 natural numbers. The probability of the number chosen being multiple of 5 or 15 is

(A) $\frac{1}{5}$ (B) $\frac{1}{6}$

(C) $\frac{1}{7}$ (D) $\frac{1}{9}$

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Direction for Q. Nos. 98 to 100.

Read the following information carefully and answer the questions below it.

Rashmi is very fond of collecting greeting cards. Her collection of 211 cards has a good mix of Birthday cards, New Year cards, Deepawali cards, Christmas cards and even a Marriage anniversary card. The number of Birthday cards is equal to the sum of all others except the Marriage anniversary cards. The number of New year card is double of Deepawali cards which in turn is double of Christmas cards.

98. The number of Birthday card in the collection is

(A) 96 (B) 105

(C) 110 (D) 85

99. The number of Deepawali card is

(A) 30

(B) 25

(C) 36

(D) 40

100. The number of Christmas card is

(A) 10

(B) 20

(C) 15

(D) 25.